NU FORCE

S3-BT

High-fidelity *Bluetooth* speakers for audiophiles

FCC Compliance Statement

Hereby, NuForce Inc. declares that this device is in compliance with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment uses and can radiate radio frequency energy. If not installed and operated in accordance with the instructions, it may interfere with radio communications.
There is no guarantee that interference will not occur in a particular installation. If this equipment does interfere with radio or television reception, the user may be able to correct the problem by one or more of the following measures :

- ❒ Reorient or relocate the receiving antenna.
- ❒ Increase separation between equipment and receiver.
- ❒ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ❒ Consult the dealer or an experienced radio/TV technician for help.

WARNING : Only peripherals complying with the FCC class B limits may be attached to this equipment.

Changes or modifications made to this equipment, not expressly approved by us or parties authorized by us could void the user's authority to operate the equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

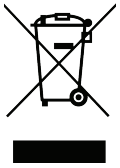
Notice for customers : The following information is only applicable to equipment sold in countries applying EU Directives.

EU Declaration of Conformity

Hereby, NuForce Inc. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC.

The manufacturer of this product is NuForce, 382 South Abbott Ave, Milpitas, CA 95035, USA.
The Authorized Representative for EMC and product safety is NuForce, 382 South Abbott Ave, Milpitas, CA 95035, USA.
For any service or guarantee matters please refer to the addresses given in separate service or guarantee documents.

For customers in Europe



Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

SAFETY IN STRUCTIONS

There are two categories of Safety Instructions included in this manual :

- ❒ Product Warnings, (i.e., what must never be done to assure avoiding those hazards that could cause bodily injury or property damage)
- ❒ User Directions (i.e., what must always be done to assure the safe use of your device).

The Safety Instructions contained in this manual have been categorized in accordance with the seriousness of the potential hazards through the use of Signal Words. Those Signal Words, and their intended meanings, are as follows:
DANGER : Indicates that failing to observe the Safety Instructions could result in death or catastrophic bodily injury.
WARNING : Indicates that failing to to observe the Safety Instructions could result in serious bodily injury.
CAUTION : Indicates that failing to observe the Safety Instructions could result in minor bodily injury or property damage.
NOTE : Designates important information that relates to activities and/or conditions that might result in loss of data and/or damage to your device.

Safe Use and Operation of Your Device

This equipment emits stray RF energy and will interfere with the reception of signals by airborne electronic navigational devices or medical devices. Do not operate this equipment near any sensitive medical devices.
WARNING : Use only grounded AC power cords.
Always immediately disconnect the power to the equipment in the event the device emits an unusual odor or sound or generates smoke.
WARNING : Never attempt to disassemble, repair or make any modification to your device. Disassembly, modification or any attempt at repair could cause bodily injury or property damage, as well as damage to the device itself.
WARNING : Your device is not a toy. Never allow children to play with your device. Misuse, rough or improper handling of your device by children could result in serious bodily injury for any of the enumerated safety warnings in this manual. In addition, always keep all accessories and components out of the reach of small children as small parts might present a choking hazard. Seek immediate medical attention if choking occurs or if any small part has been swallowed.
CAUTION : Never raise the sound volume level too high when using your device with earphones. An excessive sound volume level could cause damage to your hearing.
WARNING : To reduce the risk of fire or electric shock, do not expose the unit to moisture or water.
Do not allow foreign objects to get into the enclosure. If the unit is exposed to moisture, or a foreign object gets into the enclosure, immediately disconnect the power cord from the wall. Take the unit to a qualified service person for inspection and necessary repairs.
Read all the instructions before connecting or operating the component.
Keep this manual so you can refer to these safety instructions.
Heed all warnings and safety information in these instructions and on the product itself.
Follow all operating instructions.
Do not use this unit near water.
Allow for a minimum 10 cm or 4 inches of unobstructed clearance around the unit. Do not place the unit on a bed, sofa, rug, or similar surface capable of blocking ventilation openings. If the unit is placed in a bookcase or cabinet, allow for proper ventilation. Keep the component away from radiators, heat registers, stoves, or any other appliance that produces heat.

If the unit requires a power supply :

- ❒ It must be connected to a power supply only of the type and voltage specified on the rear panel.
- ❒ Connect the component to the power outlet only with the supplied power supply cable or an exact equivalent. Do not modify the supplied cable.
- ❒ Do not route the power cord where it will be crushed, pinched, bent, exposed to heat, or damaged in any way. Pay particular attention to the power cord at the plug and where the cord exits the back of the unit.
- ❒ The power cord should be unplugged from the wall outlet during a lightning storm or if the unit is to be left unused for a long period of time.

Immediately stop using the component and have it inspected and/or serviced by a qualified service agency if :

- ❒ The power supply cord or plug has been damaged.
- ❒ Objects have fallen or liquid has been spilled into the unit.
- ❒ The unit has been exposed to rain.
- ❒ The unit shows signs of improper operation.
- ❒ The unit has been dropped or damaged in any way.

Introduction

The **NuForce S3-BT** is an active loudspeaker featuring high-fidelity (apt-X and AAC) *Bluetooth* wireless connectivity. It's designed to fit your modern lifestyle and decor while also delivering a level of audiophile-quality that many dedicated enthusiasts have longed for—wirelessly.

Bluetooth (BT)-enabled devices are now commonplace, but most have always had one weakness – mediocre sound quality. While many BT speakers work well for basic applications, they really aren't able to deliver high quality sound—at least not by NuForce standards. That's because they employ the old and inferior "SBC" codec. In contrast, the NuForce S3-BT is based on the latest "apt-X" codec, which was developed to enable the kind of crystalline sound that NuForce customers have come to expect.

Regardless of how the signal is delivered to it, every speaker is still a speaker at its core, so sound quality always dependends on the fundamental principles of speaker design, including the materials used. We kept this in mind when designing the S3-BT, which we built upon a platform of advanced design and superior components. The woofer is constructed using a proprietary "anti-resonance" cone technique and powerful magnet assembly, while the tweeter is a custom soft-dome design known among audiophiles for offering the lowest distortion and smoothest natural response.

In its "standard mode," out-of-the-box form, the S3-BT with apt-X codec offers exceptional *Bluetooth* performance. Even so, for those hardcore audiophiles who demand the highest level of wireless fidelity, we've made the S3-BT upgradeable by including an additional set of analog inputs in the design. This allows the user to bypass the standard *Bluetooth* connection in favor of using NuForce's own **Air DAC wireless system**, or even a wired connection.

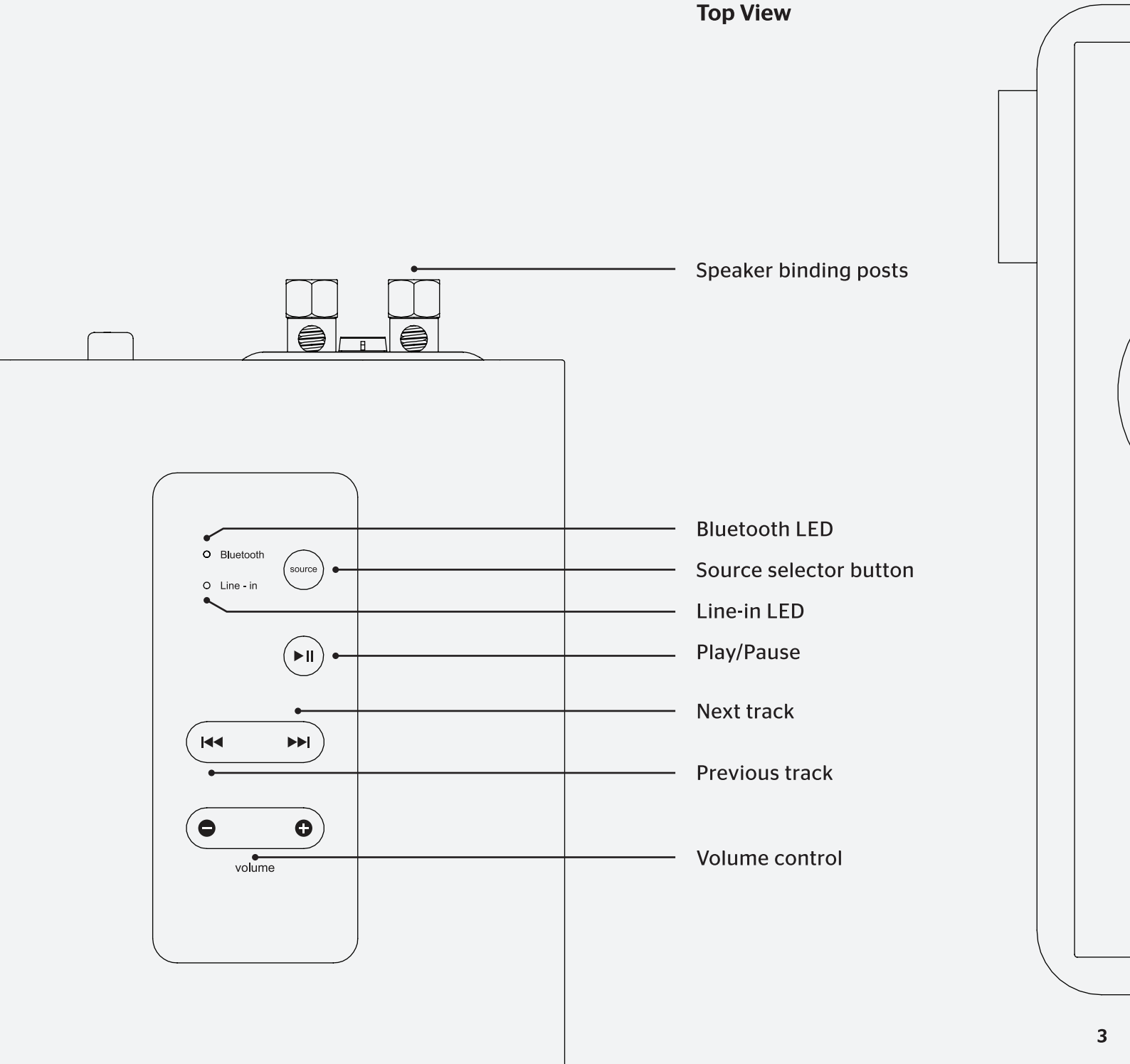
The advantage to using the NuForce Air DAC is that it was designed to achieve a level of true 16-bit performance that simply isn't possible with the *Bluetooth* standard. As good as *Bluetooth* with apt-X is, the S3-BT mated with the NuForce Air DAC sounds even better.

Whether you choose to use the S3-BT's "standard mode" *Bluetooth* wireless, or upgrade its sound with the Air DAC system, the S3-BT offers a much needed, audiophile-grade alternative to mediocre wireless sound. Don't settle for less than the best any longer: get the clarity, detail and power all NuForce products are known for, with the NuForce S3-BT.

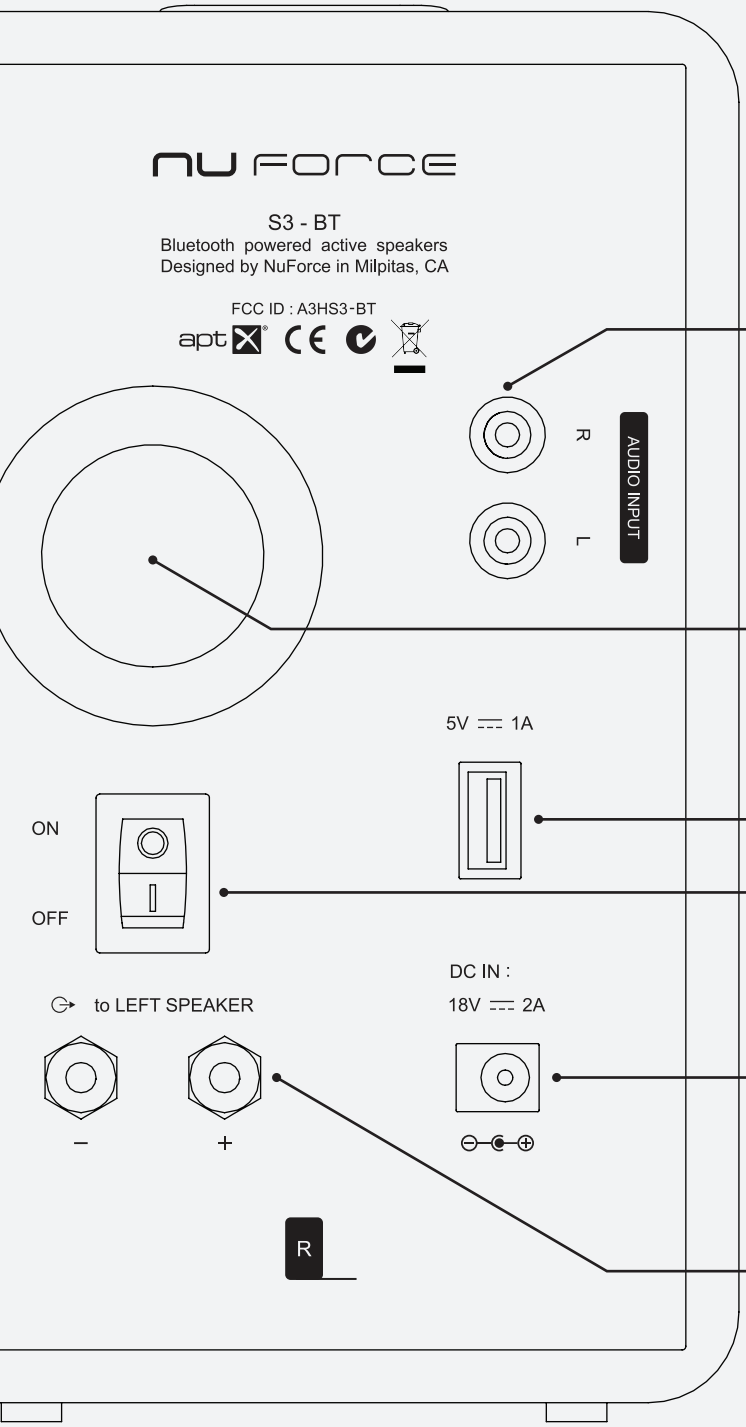
Packaging Content

S3-BT Bookshelf Speakers	2 pcs	AC Power Adapter	1 pc
3.5mm stereo to RCA Cable	1 pc	User Manual	1 pc
Interconnect Speaker Cable	1 pc	Quick start guide	1 pc

Top View


Speaker binding posts
Bluetooth
Line - in
source
Bluetooth LED
Source selector button
Line-in LED
Play/Pause
Next track
Previous track
volume
Volume control

Rear View (right channel unit)



Audio input (Line-in)

Bass reflex port

USB charging port for mobile devices

Power on/off switch

DC input jack for power supply

Speaker binding posts

Connect to your source devices

NuForce S3-BT can connect to your devices wirelessly and/or wired.

Bluetooth Wireless Connection

1. Turn on the AC power switch on the back of the unit.
2. The *Bluetooth* LED will first light up in blue, then pairing will initiate in about 2 seconds, with the *Bluetooth* LED blinking alternatively in red and blue colors. Note that *Bluetooth* connection is the default source selection.
3. Select "**NuForce S3-BT**" from the *Bluetooth* device list of your *Bluetooth* device. Your *Bluetooth* device indicates when pairing is complete. The *Bluetooth* LED on S3-BT blinks slowly in blue when pairing is complete. (Please consult the user manual of your *Bluetooth* source devices for instructions on how to pair them with other *Bluetooth* devices)
4. To change to another *Bluetooth* source device, turn off the *Bluetooth* connection on the current device, then press and hold the **Play/Pause** button on the top control panel for a few seconds, this will restart the pairing process.
5. If pairing is not completed in 2 minutes, S3-BT will go into power-saving mode, with the *Bluetooth* LED blinking in red. Press and hold the **Play/Pause** button for a few seconds to re-start pairing.

Wired Connection

1. Connect the analog output of your TV or other source devices to S3-BT's Audio Input RCA jacks with the included RCA interconnect cable.
2. Press the "**Source**" button on the control panel to select "Line-in" as the source; The Line-in LED will light up.

Volume control and other operations

1. Press the "**Source**" button to select between *Bluetooth* and Line In as the input source. Note that you may need to go through the pairing process again when you switch back from Line-in to *Bluetooth*.
2. Press the volume button to increase or decrease the volume.
3. You can use the "**Previous track/Next track**" button to jump to the previous or next track on your *Bluetooth* device. Note that this function works only with *Bluetooth* devices supporting AVRCP profile (this includes devices running iOS 4.1 or later, Android 1.5 or later, and Windows Mobile 5.0 or later).
4. The USB charging port allows you to charge your mobile devices via a USB cable. Please refer to the user manual of your mobile devices for instructions.

Specifications

Speakers
1" soft dome tweeter x 2
3.5" composite paper cone woofer x 2

Amplifier
Maximum power output : 18 Watt x 2 RMS
Harmonic distortion : < 0.5% 1 W 1 kHz
Frequency response : 50 Hz - 20 kHz
Signal/Noise ratio : > 75 dB
Separation : > 45 dB

Input/Output
Speaker output on right channel unit : Five-way binding posts
Speaker input on left channel unit : Five-way binding posts
Analog Input : RCA jacks
USB Charger Port : 5v, 1A output (strictly for charging mobile devices only, no audio/data transmitting)
Bluetooth wireless connection : *Bluetooth* core version 4.0 with aptX , SBC, AAC codecs; A2DP and AVRCP profiles

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